

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. - 22. (cancelled)
23. (currently amended) An electrical device, comprising:
at least one a layer, the layer having at least two regions, the regions comprising:
 at least one a conductive pattern formed from a sintered conductive material; and
 at least one ~~persistent~~ insulating region at least partially surrounding the
 conductive ~~pattern~~ material, the ~~persistent~~ insulating region comprising electrically
 isolated nanoparticles.
24. (previously submitted) The device of claim 23, wherein the nanoparticles are electrically isolated by insulating capping groups.
25. (previously submitted) The device of claim 24, wherein the capping groups comprise a hydrocarbon.
26. (previously submitted) The device of claim 23, wherein the conductive material comprises nanoparticles, and the conductive pattern comprises sintered nanoparticles.